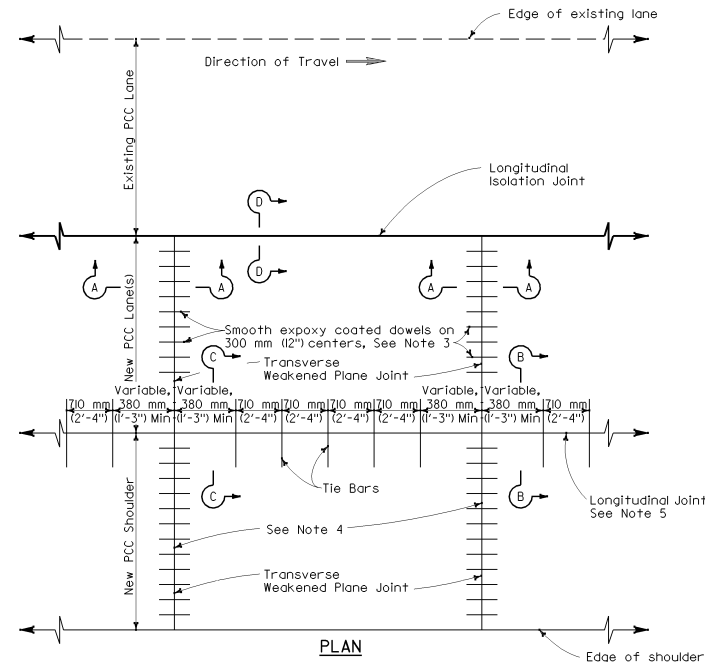
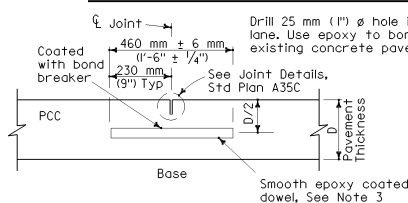


NOTES

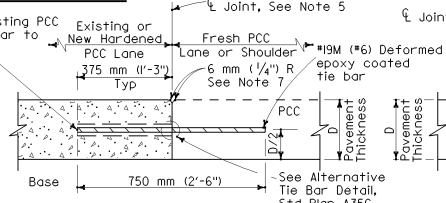
- Transverse weakened plane joints shall be constructed at right angles to the centerline or to the longitudinal pavement joints in new portland cement concrete pavement and spaced at successive repeated intervals of 3.6 m (12'), 4.6 m (15'), 4.0 m (13') and 4.3 m (14').
- Where Lean Concrete Base is not used as base material, as shown in Section D-D, the joint filler material shall only extend to the bottom of the new portland cement concrete slab.
- 38 mm (1 1/2") ϕ smooth epoxy coated dowels are to be used with a pavement thickness, D, equal to or greater than 215 mm (8.5"). For a pavement thickness, D, less than 215 mm (8.5"), use 32 mm (1 1/4") ϕ smooth epoxy coated dowels.
- Dowels shall be placed in the transverse weakened plane joints in portland cement concrete shoulders unless otherwise specified in the Special Provisions.
- Construct longitudinal weakened plane joints as shown in Section C-C when more than one lane or shoulder widths are placed at one time. If constructing one lane at a time, use longitudinal contact (construction) joint, as shown in Section B-B.
- Transverse contact (construction) joints shall be installed at the end of all paving operations, and elsewhere if ordered by the Engineer. The location of the joint shall coincide with the successive interval spacing of transverse weakened plane joints when terminating paving operations.
- If fresh portland cement concrete is placed adjacent to existing portland cement concrete, the top corner of the existing portland cement concrete does not need to be rounded to the 6 mm (1/4") radius, as shown.



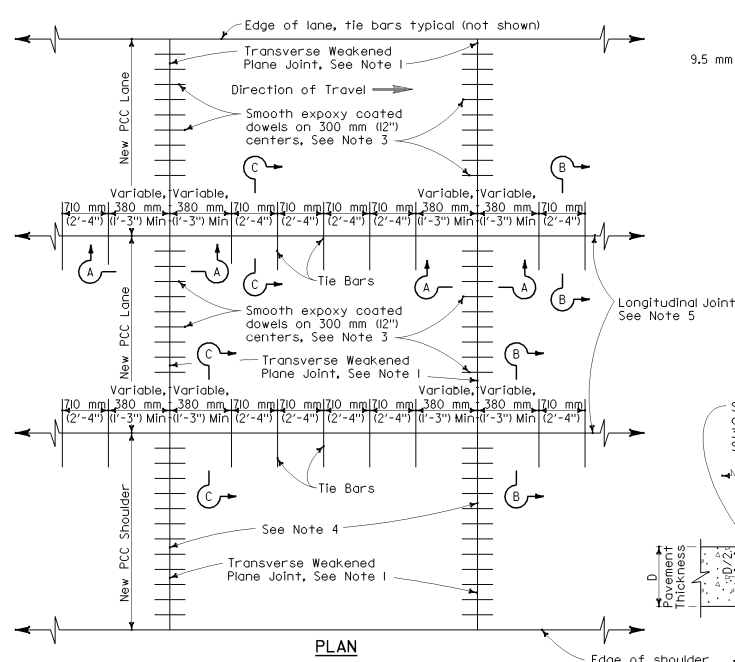
LANE/SHOULDER ADDITION OR RECONSTRUCTION



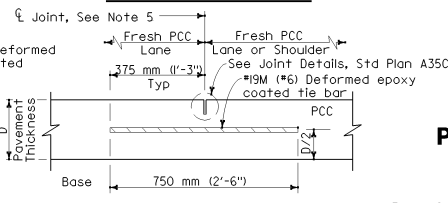
SECTION A-A, DOWEL DETAIL
TRANSVERSE WEAKENED
PLANE JOINT



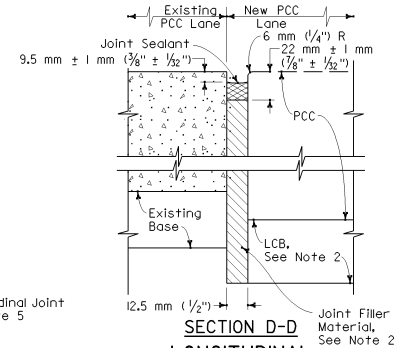
SECTION B-B, TIE BAR DETAIL
LONGITUDINAL CONTACT
(CONSTRUCTION) JOINT



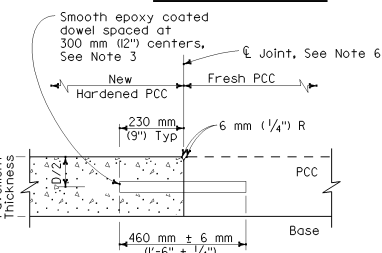
NEW CONSTRUCTION



SECTION C-C, TIE BAR DETAIL
LONGITUDINAL WEAKENED
PLANE JOINT



SECTION D-D LONGITUDINAL ISOLATION JOINT



TRANSVERSE CONTACT (CONSTRUCTION) JOINT DETAIL

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION PORTLAND CEMENT CONCRETE PAVEMENT (DOWELED TRANSVERSE JOINTS)

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ('). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

A35B